

Low Grade Glioma Fusion Transcript and Duplication Panel 1

Fusions / Genes	Exon 1	Exon 2	Event	Gene ID
<i>KIAA1549-BRAF</i>	13	9	Fusion	ENST00000422774-NM_004333.4
<i>KIAA1549-BRAF</i>	15	10	Fusion	ENST00000422774-NM_004333.4
<i>KIAA1549-BRAF</i>	15	11	Fusion	ENST00000422774-NM_004333.4
<i>KIAA1549-BRAF</i>	15	9	Fusion	ENST00000422774-NM_004333.4
<i>KIAA1549-BRAF</i>	16	10 (del74)	Fusion	ENST00000422774-NM_004333.4
<i>KIAA1549-BRAF</i>	16	11	Fusion	ENST00000422774-NM_004333.4
<i>KIAA1549-BRAF</i>	16	9	Fusion	ENST00000422774-NM_004333.4
<i>KIAA1549-BRAF</i>	18	10	Fusion	ENST00000422774-NM_004333.4
<i>KIAA1549-BRAF</i>	19	9	Fusion	ENST00000422774-NM_004333.4
<i>BRAF-MACF1</i>	7	19	Fusion	NM_004333.4-NM_012090
<i>CLCN6-BRAF</i>	2	11	Fusion	NM_001286.3-NM_004333.4
<i>ETV6-NTRK3</i>	1	18	Fusion	NM_001987-NM_002530
<i>FAM131B-BRAF</i>	1	10	Fusion	NM_001031690.2-NM_004333.4
<i>FAM131B-BRAF</i>	2	9	Fusion	NM_001031690.2-NM_004333.4
<i>FAM131B-BRAF</i>	3	9	Fusion	NM_001031690.2-NM_004333.4
<i>FGFR1-TACC1</i>	17	7	Fusion	NM_023110.2-NM_006283.2
<i>FGFR3-TACC3</i>	17	4	Fusion	NM_000142-NM_006342
<i>FXR1-BRAF</i>	13	10	Fusion	NM_005087.3-NM_004333.4
<i>GNAI1-BRAF</i>	1	10	Fusion	NM_002069.5-NM_004333.4
<i>MKRN1-BRAF</i>	4	11	Fusion	NM_013446.3-NM_004333.4
<i>MYB-MAML2</i>	6	4	Fusion	NM_001130173.1-NM_032427.1
<i>MYB-PCDHGA1</i>	9	2	Fusion	NM_001130173.1-NM_018912.2
<i>NACC2-NTRK2</i>	4	13	Fusion	ENST00000371753-ENST00000376214
<i>NTRK3-ETV6</i>	10	5	Fusion	NM_002530-NM_001987
<i>QKI-RAF1</i>	1	14	Fusion	NM_006775.2-ENST00000251849
<i>QKI-MYB</i>	2	16	Fusion	NM_006775.2-NM_001130173.1
<i>QKI-NTRK2</i>	6	16	Fusion	NM_006775.2-ENST00000376214
<i>RNF130-BRAF</i>	3	9	Fusion	NM_018434.5-NM_004333.4
<i>SRGAP3-RAF1</i>	11	8	Fusion	ENST00000383836-ENST00000251849
<i>SRGAP3-RAF1</i>	12	10	Fusion	ENST00000383836-ENST00000251849
<i>ST6GAL1-WHSC1</i>	2	4	Fusion	NM_173216.2-NM_133330.2
<i>ABCF1</i>	/	/	Housekeeping	NM_001090.2
<i>ALAS1</i>	/	/	Housekeeping	NM_000688.4
<i>CLTC</i>	/	/	Housekeeping	NM_004859.2
<i>HPRT1</i>	/	/	Housekeeping	NM_000194.1